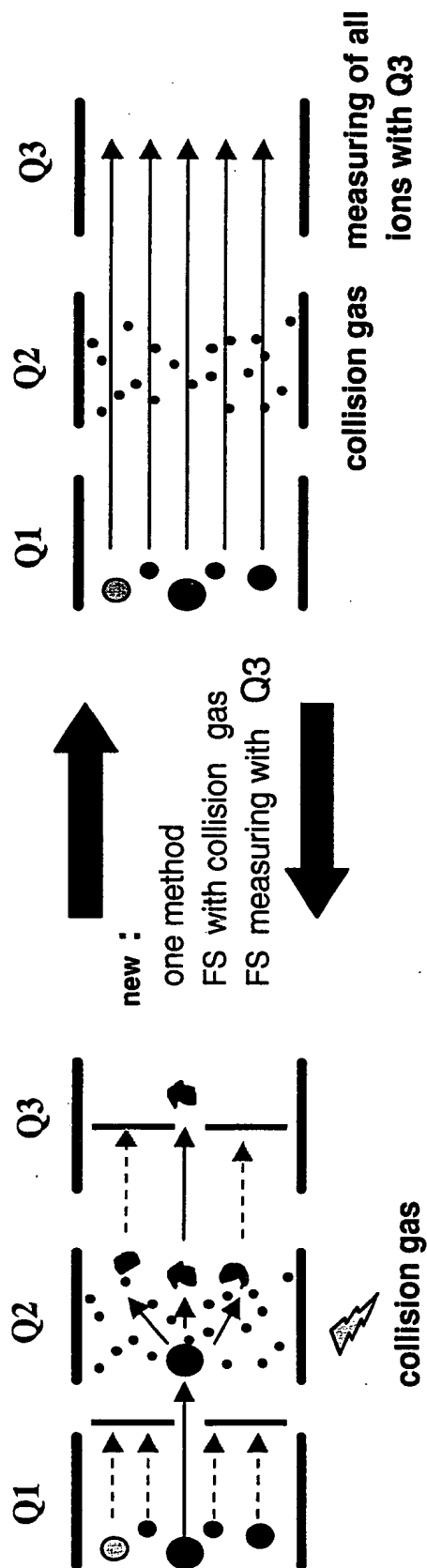


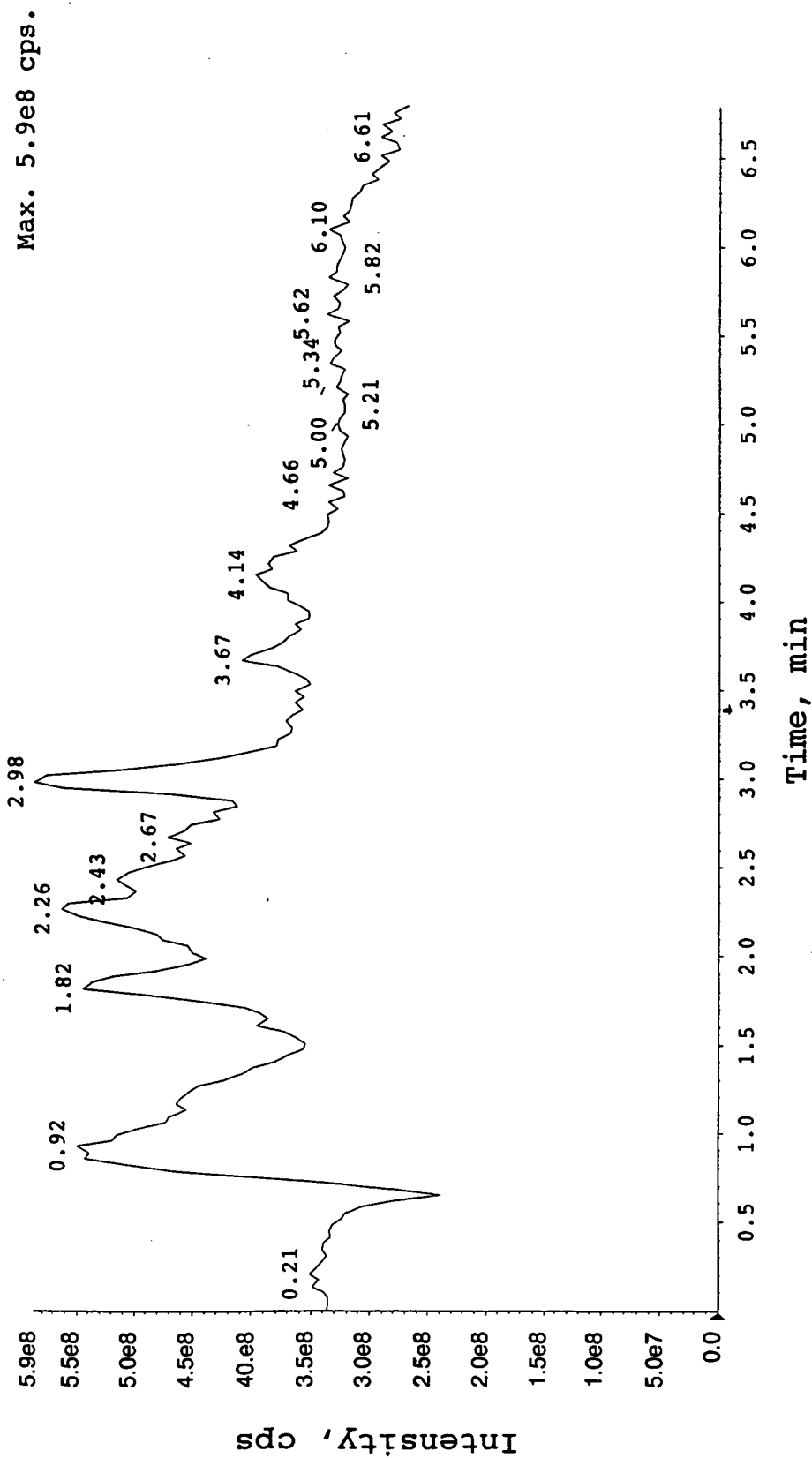
1/15

Figure 1: Schematic diagram of the analytical process



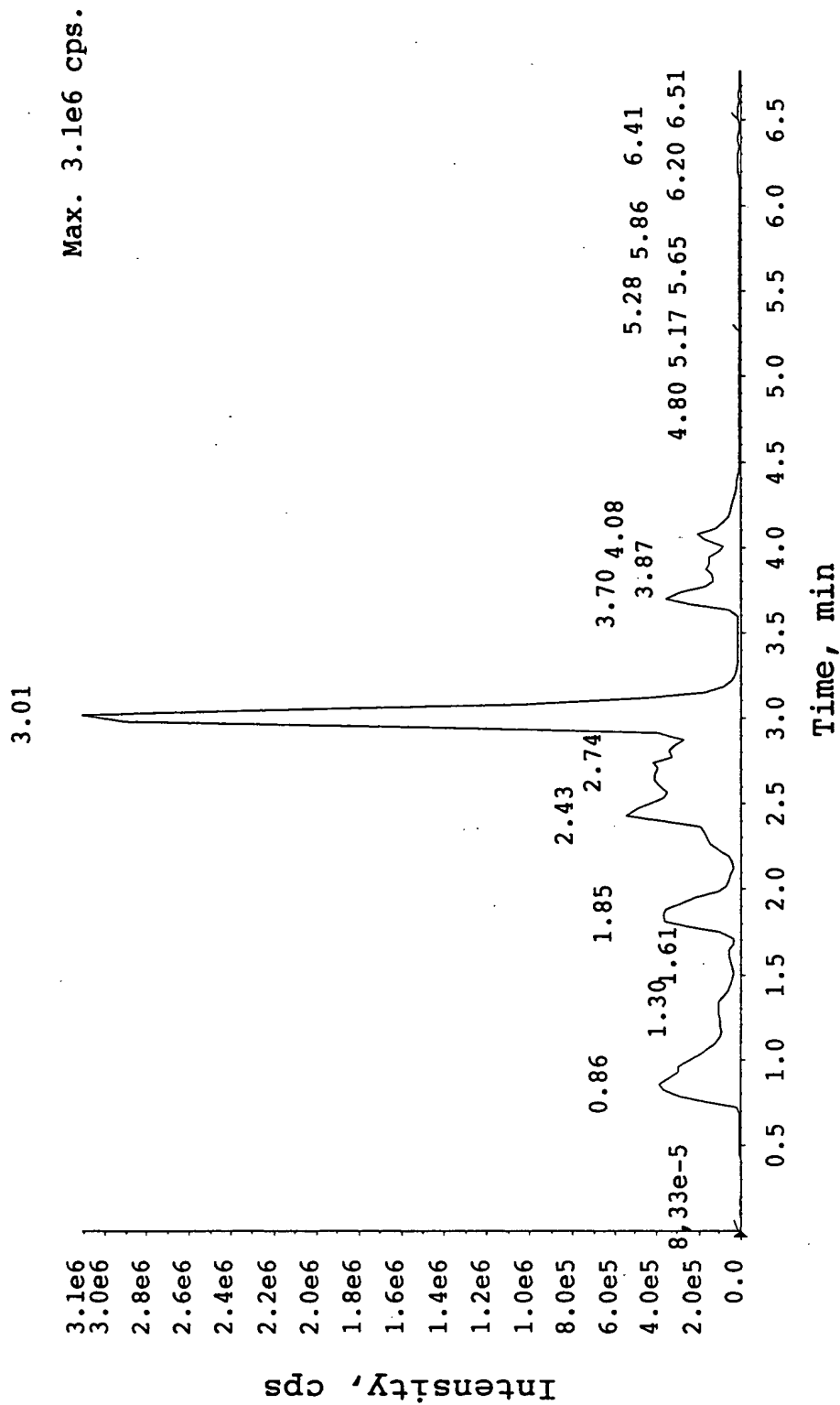
2/15

Figure 2: Total ion chromatogram (TIC) of an MRM + full scan analysis  
TIC: from Sample 2 (QC 1) of LCMS04\_020207\_OF1.wiff



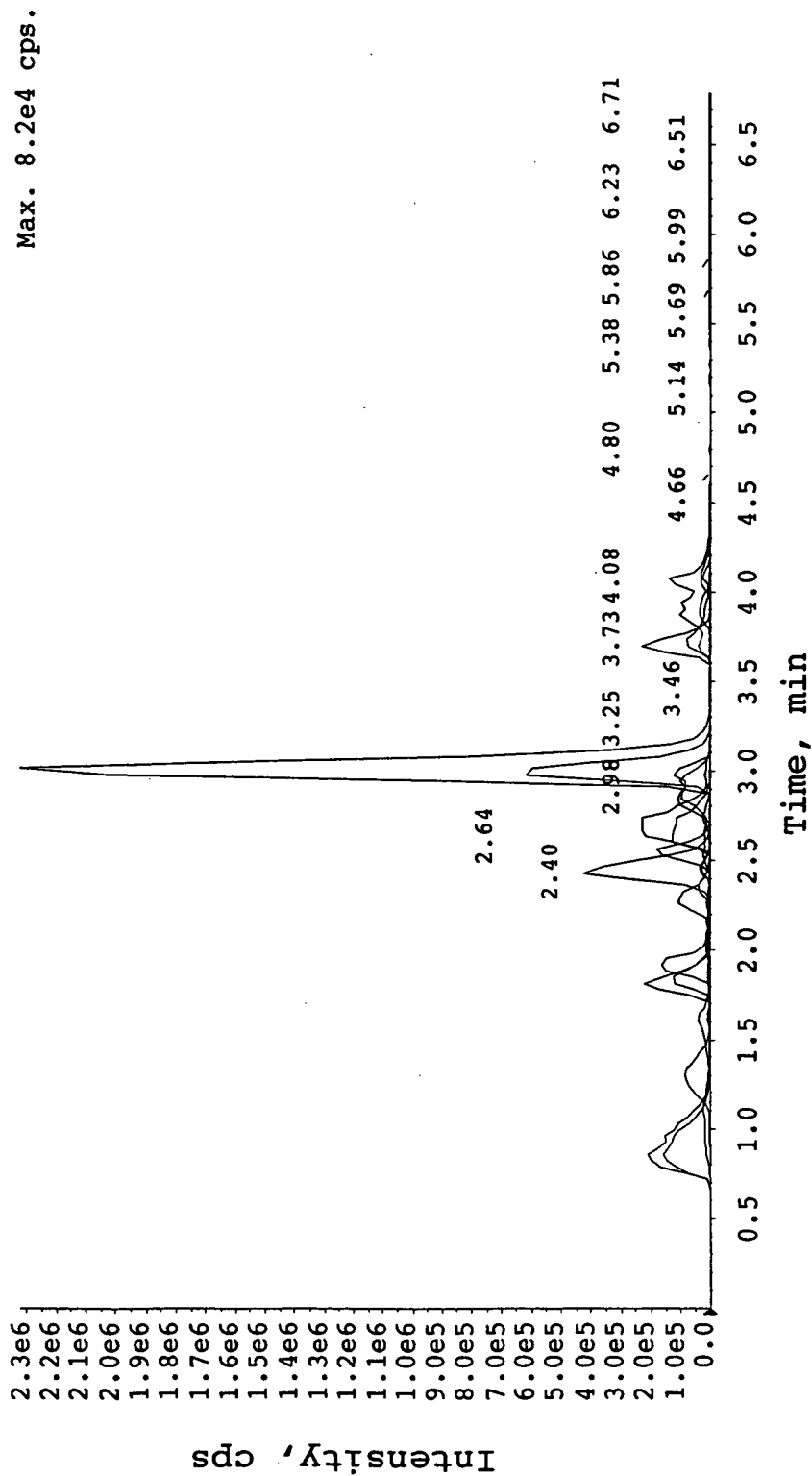
3/15

Figure 3: Total ion chromatogram (TIC) of the MRM experiment from an MRM + FS analysis  
TIC of +MRM (30 pairs): Experiment 1, from Sample 2 (QC1) of LCMS04\_020207\_OF1.wiff



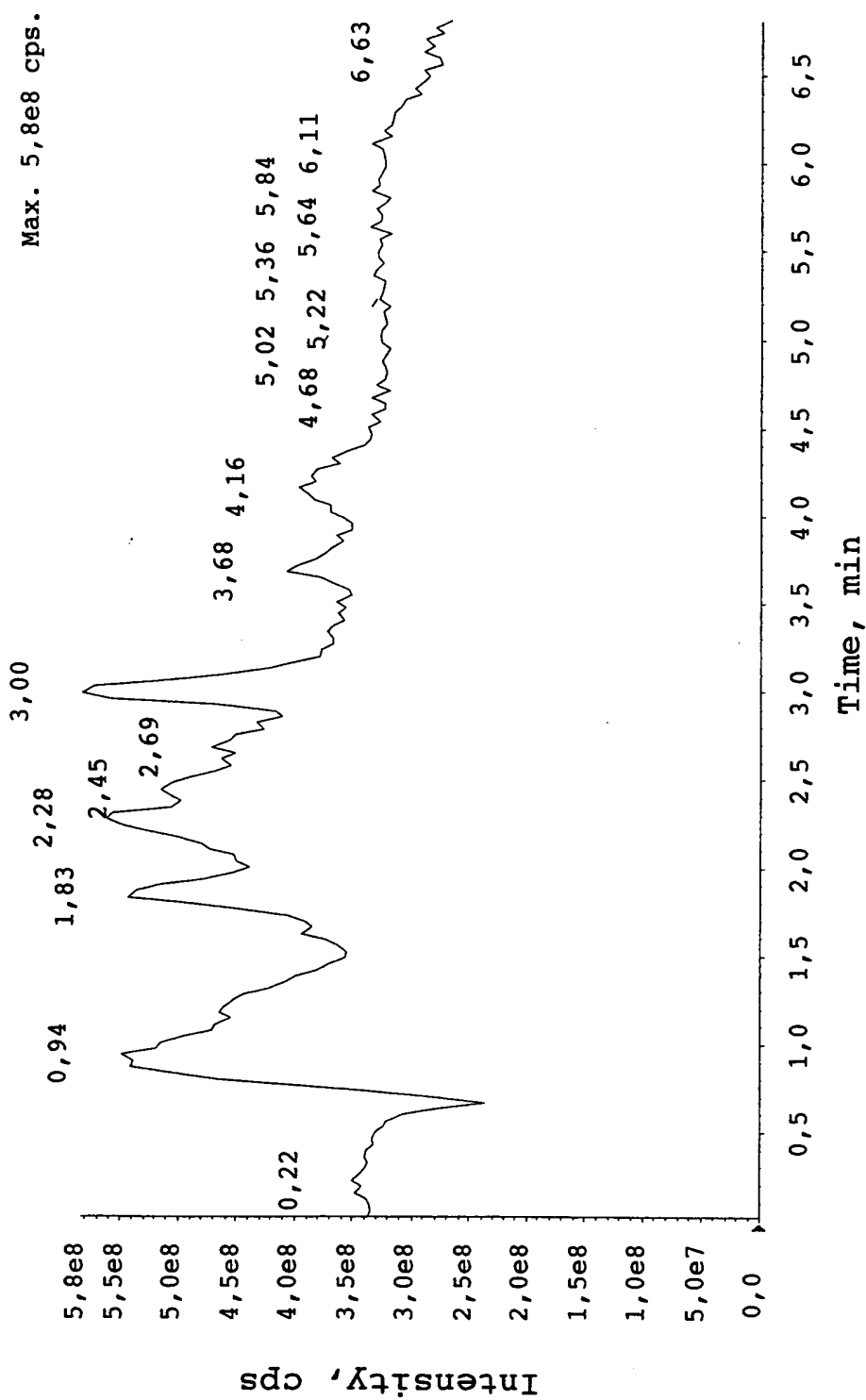
4/15

Figure 4: Total ion chromatogram (TIC) of the MRM experiment from an MRM + FS analysis  
XIC of +MRM (30 pairs): Experiment 1,536,4/69,0 amu from Sample 2 (QC1) of LCMS04\_020207\_0F1.wiff



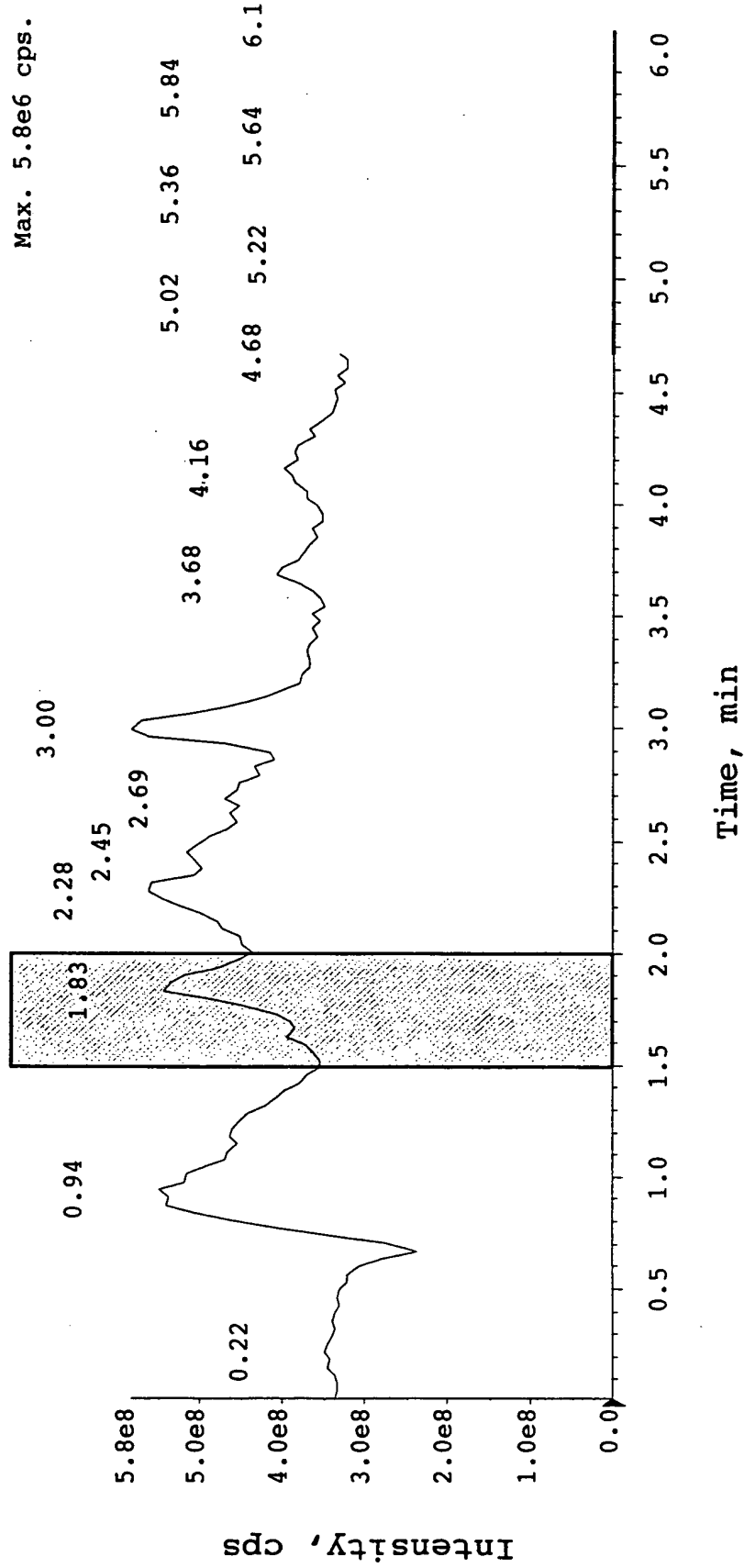
5/15

Figure 5:  
TIC of the FS experiment (TIC of +Q3: Experiment 2 from Sample 2 (QC1) of  
LCMS04\_020207\_OF1.wiff)



6/15

Figure 6:  
TIC of the FS experiment (TIC of +Q3: Experiment 2 from Sample 2 (QC1) of  
LCMS04\_020207\_0F1.wiff)



7/15

Figure 7: TIC of the FS experiment (+Q3: Experiment 2; 1.491 to 2.004 min from Sample 2 (QC1) of LCMS04\_020207\_0F1.wiff)

Intensity, cps

Max. 4.7e6 cps.

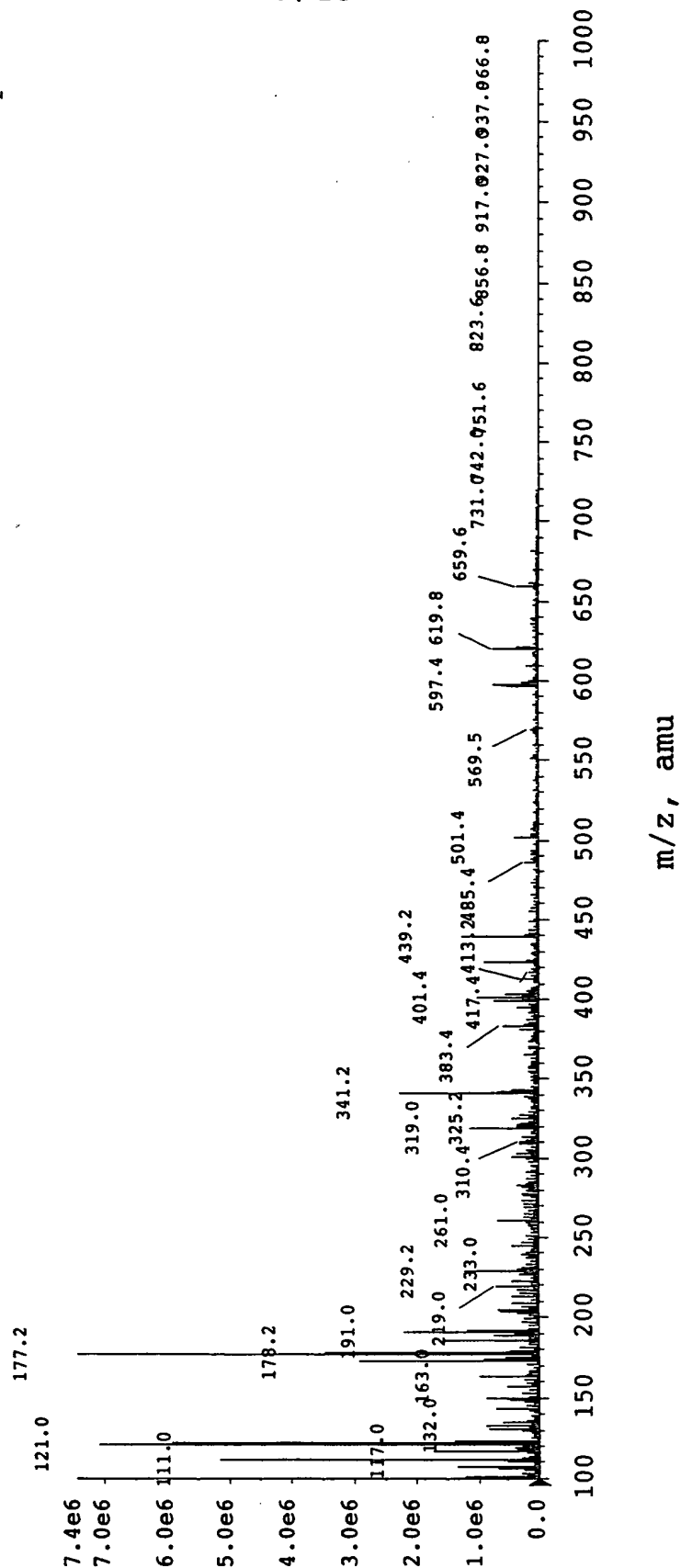


Figure 8: Total ion chromatogram (TIC) of MRM experiment  
TIC of MRM (36 pairs): Experiment 1 from Sample 2 (Kalibmix-lip-14.08.2002-14)  
of LCMS02\_020814\_0F3.wiff)

Max. 9.1e6 cps

Intensity, cps

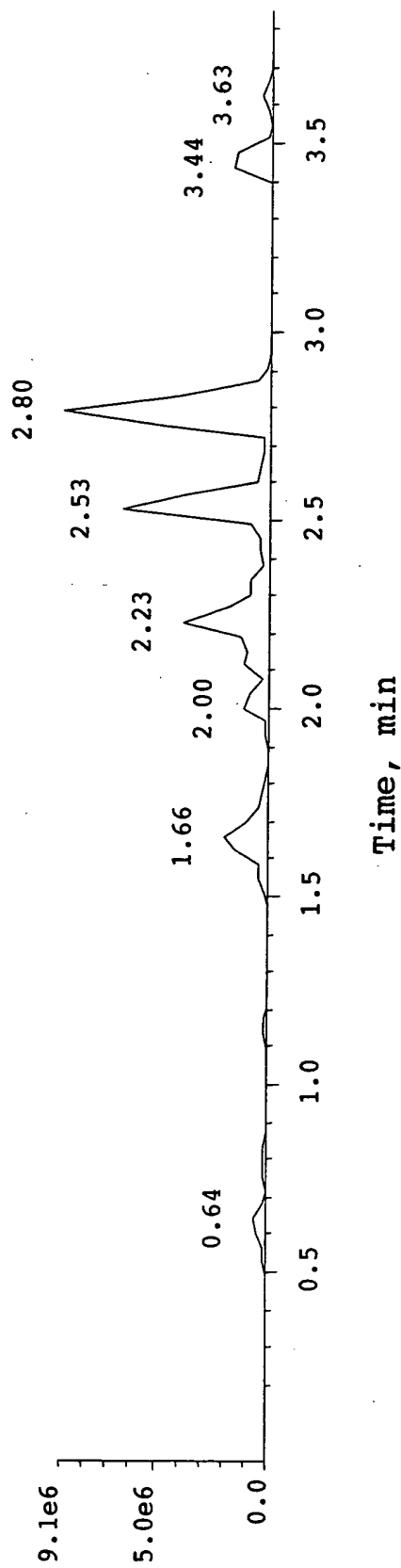
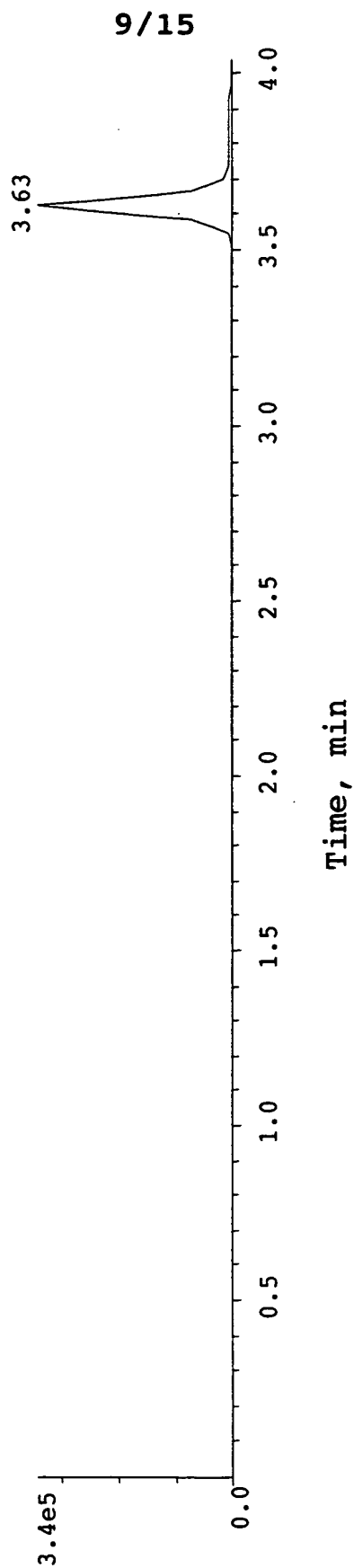




Figure 9: Extracted chromatogram from m/z transition 863.7 to 197 (coenzyme Q10)  
TIC of MRM (36 pairs): Experiment 1; 863.7/197.0 amu from Sample 2  
(Kalibmix-lip-14.08.2002-14) of LCMS02\_020814\_0F3.wiff)

Intensity, cps

Max. 3.4e5 cps



10/15

Figure 10: Extracted chromatogram from m/z transition 585.4 to 109.1 (capsanthin)  
TIC of MRM (36 pairs): Experiment 1; 585.4/109.1 amu from Sample 2  
(Kalibmix-lip-14.08.2002-14) of LCMS02\_020814\_OF3.wiff)

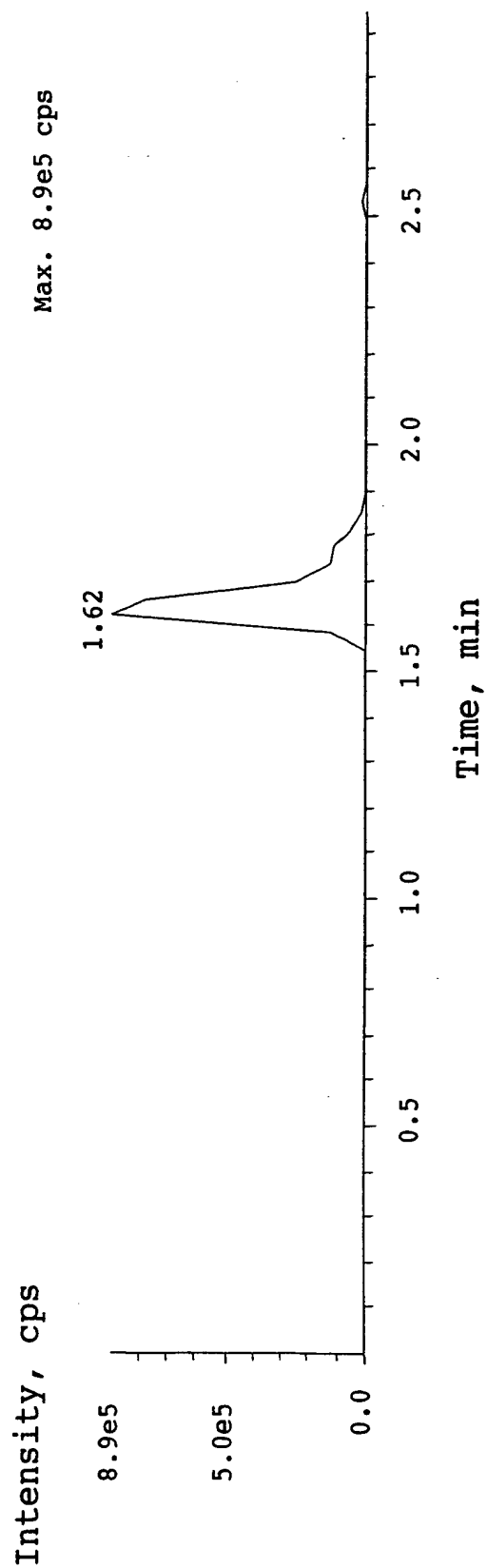
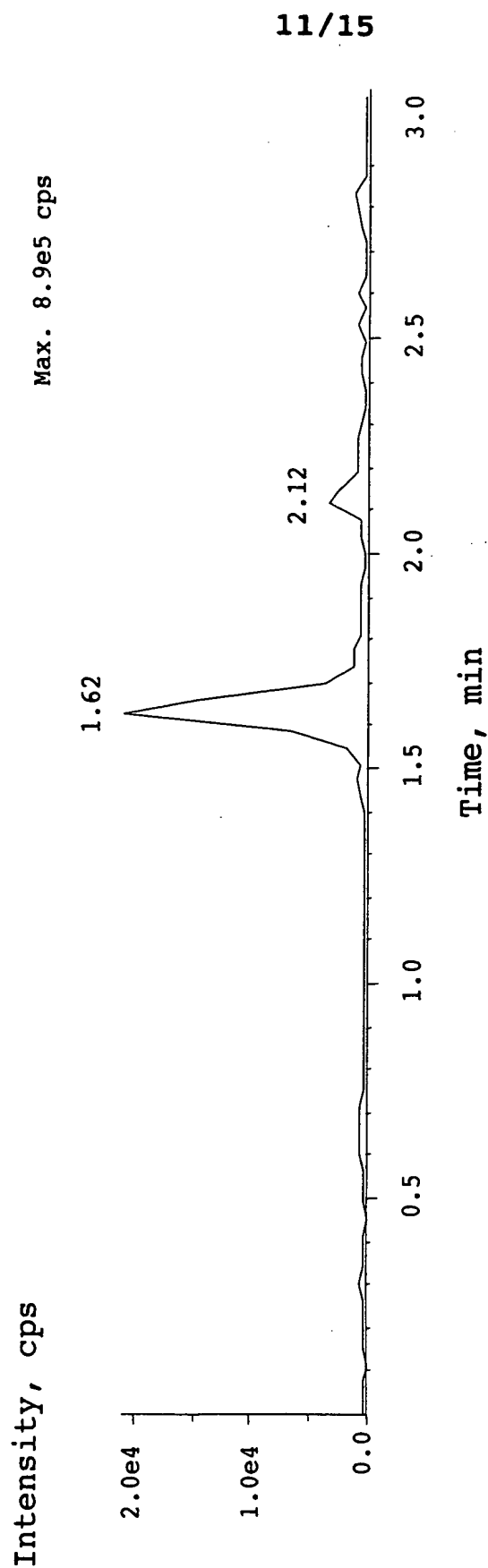


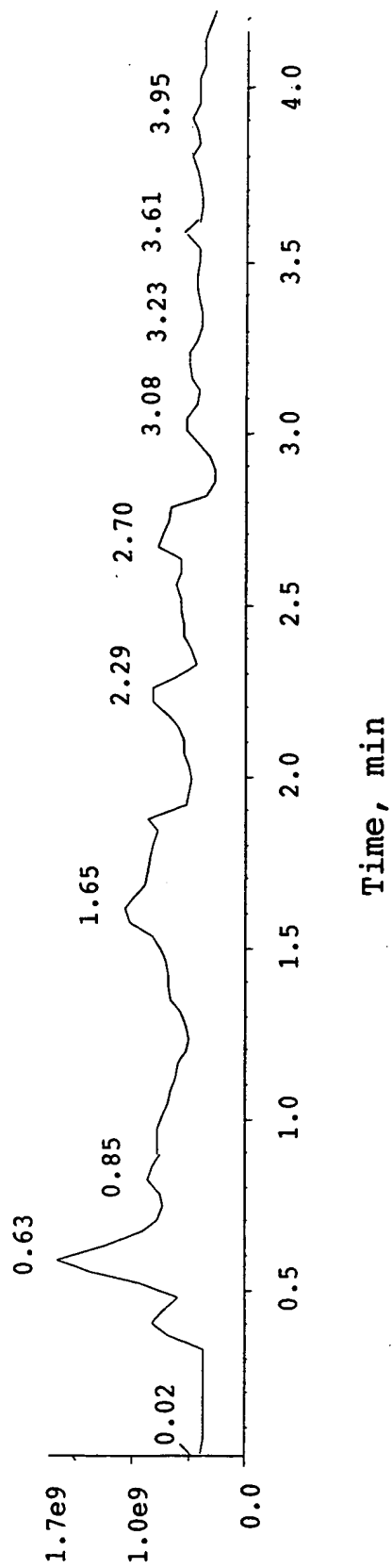
Figure 11: Extracted chromatogram from m/z transition 395.1 to 91.1 (bixin)  
TIC of MRM (36 pairs): Experiment 1; 395.1/91.1 amu from Sample 2  
(Kalibmix-lip-14.08.2002-14) of LCMS02\_020814\_OF3.wiff)



12/15

Figure 12: Total ion chromatogram (TIC) of FS experiment  
TIC of +Q3: Experiment 2 from Sample 4  
[LC-L1HA-lip-12.08.2002-(84)-676735 of LCMS02\_020814\_OF3.wiff]

Intensity, cps



13/15

Figure 13: Extracted chromatogram from signal m/z 518.4 (metanomics analyte 600000038)  
XIC of +Q3: Experiment 2; 518.4 amu from Sample 4  
[LC-L1HA-lip-12.08.2002-(84)-676735 of LCMS02\_020814\_0F3.wiff]

Intensity, cps

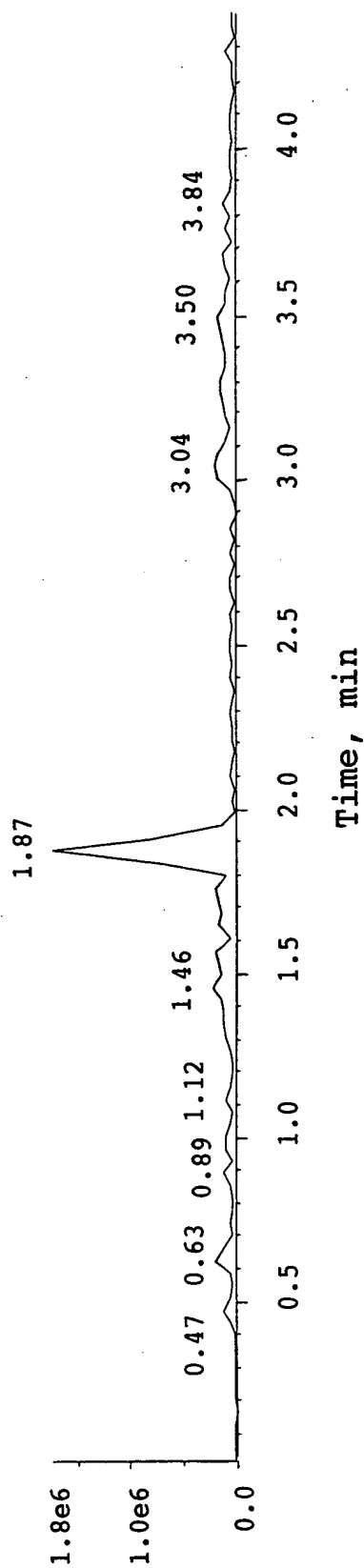


Figure 14: Extracted chromatogram from signal m/z 609.2 (metanomics analyte 6000000049)  
XIC of +Q3: Experiment 2; 609.2 amu from Sample 4  
[LC-L1HA-lip-12.08.2002-(84)-676735 of LCMS02\_020814\_OF3.wiff]

Intensity, cps

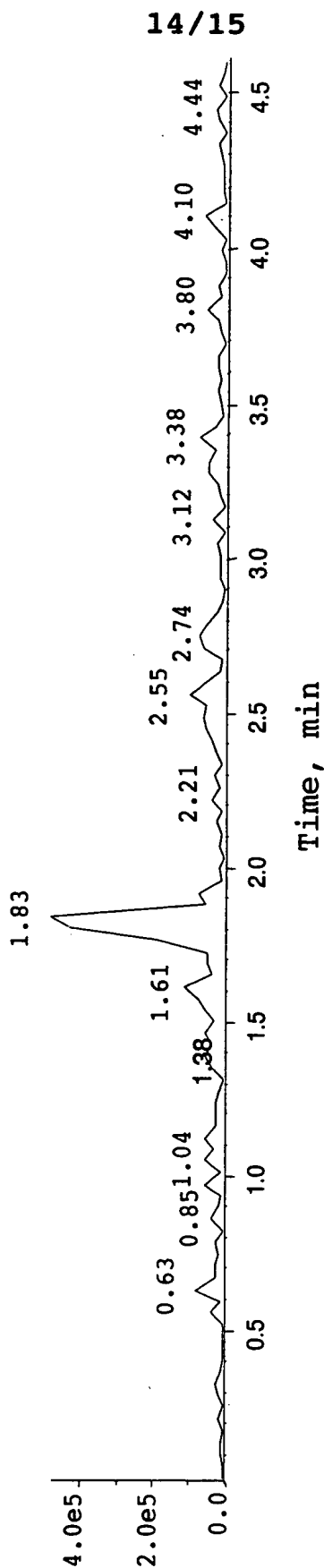


Figure 15: Extracted chromatogram from signal m/z 210.0 (metanomics analyte 6000000007)  
XIC of +Q3: Experiment 2; 210.0 amu from Sample 4  
[LC-L1HA-lip-12.08.2002-(84)-676735 of LCMS02\_020814\_0F3.wiff]

